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## CONTROL DEVICE (54) LIGHT QUANTITY

(57) Abstract:

phenomenon. of detected light with the delay of a step and then comparing the quantity by changing a laser current by one control of the quantity of a laser beam PURPOSE: To reduce an error at the fixed time for converging a transient

detected by a detecting photodiode 8 beam outputted from a laser 1 is CONSTITUTION: The quantity of a

and amplifiers 19, 21, the quantity of driving currents of the converter 15 one bit, the current of the laser 1 is 01W09 of the MPU14 are changed by adjusted. If the values of output ports so that quantity of the laser beam is to control the driving current of the current/voltage converting circuit 18 constant current circuit 20 through a converted 15 and supplied to a the MPU14. The output signal is D/A S1WS3 and a signal corresponding to with light quantity switching signals stored in a ROM14-2 in accordance selected out of plural reference values compared with a reference value MPU14, the digital signal is A/D converted in a microprocessor arithmetically amplified 13 and then the laser beam is detected converging the transient variation of passage of a waiting time for the reference value is outputted from increased like steps, and after the laser 1 through transistors 22, 25, 26,

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